

a tread shoulder extending radially inwardly from one of the tread edges, provided with a curved surface consisting of a plurality of convex curves,

B1 said tread portion provided along at least one of the tread edges with blocks each with one of the convex curves,

on a cylindrical surface centered on the tire axis and intersecting said curved surface, each said convex curve swelling axially outwards and having a curvature,

at the tread edge, the convex curve of each said block having a radius of curvature of 1.5 to 4.5 times a circumferential length of the block, and

the curvature gradually diminishing towards the radially inside from the tread edge to a radial distance H from the tread face so that the curvature becomes zero at said radial distance H.

B2 5. (Amended) A pneumatic tire comprising
a tread portion with a pair of tread edges, and
a tire shoulder extending radially inwardly from one of the tread edges, provided with a curved surface, wherein

said tread portion is provided along at least one of the tread edges with a circumferential rib with said curved surface,

the curved surface comprises a plurality of convex curves with a plurality of concave curves alternating therewith,

on a cylindrical surface centered on the tire axis and intersecting said curved surface,

B2 each said convex curve swells axially outwards to have a curvature, and each said concave curve caves axially inwards to have a curvature, and the intersecting line between the curved surface and the cylindrical surface is a waved line, and

each of said curvature of the convex curve and said curvature of the concave curve gradually diminishes towards the radially inside from the tread edge.

Please add the following claims:

B3 --13. A pneumatic tire comprising
a tread portion with a pair of tread edges,
a tire shoulder extending radially inwardly from one of the tread edges, provided with a curved surface comprising a plurality of convex curves and a plurality of concave curves alternating therewith, and

on a cylindrical surface centered on the tire axis and intersecting said curved surface,

each said convex curve swelling axially outwards to have a curvature, and each said concave curve caving axially inwards to have a curvature, so that the intersecting line between the curved surface and the cylindrical surface is a cyclic waved line, wherein

said curvature of the convex curve and said curvature of the concave curve gradually diminish radially inward from the tread edge,

13. said tread portion is provided along at least one of the tread edges with blocks with said curved surface,

said blocks are circumferentially divided by axial grooves, the axial grooves are arranged in one half cycle of the wave of said cyclic waved line so that each of the axial grooves is positioned at a peak of one of the convex curves or alternatively one of the concave curves.

14. The pneumatic tire according to claim 1, wherein said radial distance H is more than 80 % of a radial height (h) of the block,

15. The pneumatic tire according to claim 1, wherein said radial distance H is equal to a radial height (h) of the block.--
